

MONTHLY PROGRESS REPORT
Central Wire Union, Illinois Site
October 2009

1. **Progress Made This Reporting Period** – This reporting period Central Wire continued the operation and maintenance of the groundwater extraction and treatment system.

Central Wire received conditional approval from U.S.EPA of the Work Plan for the 2009 CMI Field Investigation on October 1, 2009. Central Wire verbally agreed to the two minor conditions via a phone call from Mr. John Thorsen of Matrix Environmental, Inc. on behalf of Central Wire to Mr. John Nordine of U.S.EPA on October 1, 2009.

Central Wire sent a letter to Illinois Department of Transportation (IDOT) on August 31, 2009 seeking approval for placement of a well nest in the southern right-of-way of Illinois Highway route 176 as called for in the Central Wire Work Plan. Matrix followed up on that request on October 20, 2009 while in the process of trying to schedule the Geoprobe subcontractor for the field work. IDOT claimed they never received our request and we had to begin what is a permitting process over again. IDOT now have a resubmitted request and they have inspected the site and asked for more detailed drawings of the well nest. Central Wire has completed these drawings in elevation view. Central Wire is awaiting results of the utility clearance to add the specific location in plan view to complete the permit application.

We also have scheduled the field work for the Geoprobe groundwater samples from our preferred subcontractor, Geoserve, Inc., the firm that has performed work in 2007 and 2008, as well as previous years, for Central Wire. We have scheduled this field work on November 23 – 25, 2009. Mr. Steven Grant (847.894.6137) will be the field engineer. In addition, Jack Thorsen (262.237.1130) will also be in the field that day. To coordinate observation of Matrix's field activities, we will be at the South Branch Nursery at 8 am on November 23, 2009. South Branch Nursery is located at 18101 Route 176, Union, IL 60180-0261.

Summary of Validated Data and Results – No samples were taken in October 2009. The June sampling event was summarized and data summaries transmitted in the August Report.

Central Wire plans to implement the 2009 CMI Field Investigation Work Plan in November 2009.

2. **Upcoming Events/Activities Planned** – The existing remediation systems will continue to operate as planned.

Central Wire plans to implement the 2009 CMI Field Investigation Work Plan in November 2009.

3. **Anticipated Problem Areas and Recommended Solutions** – There are no current or anticipated problem areas to be resolved.

4. **Key Personnel Changes** – None.



Matrix Environmental, Inc.

1880 W. Winchester Rd., Suite 111

Libertyville, Illinois 60048

Phone: 847-367-6835

Fax: 847-367-6845

9 November 2009

Mr. John Nordine, P.G.
U.S. Environmental Protection Agency, Region 5
RCRA Enforcement and Compliance Assurance Branch (LU-9J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Re: Central Wire, Union, Illinois Site Progress Report for October 2009

Dear Mr. Nordine:

Enclosed please find the Monthly Progress Report for the Central Wire facility located in Union, Illinois for the month of October 2009. Also included is the eDMR for the groundwater pump and treat facility for September.

If you have any comments or questions regarding the progress of this project, please do not hesitate to call me at (847) 367-6835.

Sincerely,

John W. Thorsen, P.E.
Matrix Environmental, Inc.

JWT:sm

Attachment

cc: Joyce Munie, IEPA
Gerald W. Ruopp, Central Wire
Henry Lopes, Central Wire
Robert Johnson – Central Wire

5. **Target and Actual Completion Dates** – This project has not deviated from the project schedule.

PERMITTEE NAME/ADDRESS
 NAME
 TECHALLOY COMPANY, INC.
 ADDRESS
 PO BOX 423
 UNION
 IL 60180
 FACILITY
 TECHALLOY COMPANY, INC.
 LOCATION
 UNION
 IL 60180

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

IL0070408
 PERMIT NUMBER

001 0
 DISCHARGE NUMBER

Minor
 02

MONITORING PERIOD
 MO - DAY - YEAR
 FROM 10-01-2009 TO 10-31-2009

TREATED GROUNDWAER
 EFFLUENT

*** No Discharge ☐ ***

PARAMETER	<div></div>	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.7	*****	7.7	(12) SU	00	01/30	GR
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****		6.0 MO MIN	*****	9.0 MO MAX		ONCE/MONTH	GRAB	
NO DATA : CODE		DESCRIPTION									
COMMENTS:											
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT	*****	*****	(26) LBS/DY	*****	*****	.0001	(19) MG/L	00	01/30	GR
34506 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****		*****	*****	0.02 DAILY MX		ONCE/MONTH	GRAB	
NO DATA : CODE		DESCRIPTION									
COMMENTS:											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	.860	.860	(03) MGD	*****	*****	*****		00	WH/MN	CN
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX		*****	*****	*****		MEASRD WH/MN MON		
NO DATA : CODE		DESCRIPTION									
COMMENTS:											
TETRACHLOROETHENE	SAMPLE MEASUREMENT	*****	*****	(26) LBS/DY	*****	*****	.0001	(19) MG/L	00	01/30	GR
78389 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****		*****	*****	0.02 DAILY MX		ONCE/MONTH	GRAB	
NO DATA : CODE		DESCRIPTION									
COMMENTS:											

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TRICHLOROETHENE	SAMPLE MEASUREMENT	*****	*****	(26) LBS/DY	*****	*****	.00064	(19) MG/L	00	01/30	GR
78391 1	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE											
NO DATA: CODE	DESCRIPTION										
COMMENTS:											

CONSIDERATIONS FOR FORM COMPLETION	
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DMR COMMENTS	Results for October are under reporting limits. Well #2 was down for maintenance Oct. 3rd to Oct. 5th.
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	ROBERT L JOHNSON	TELEPHONE	DATE
Robert Johnson, Maintenance Mgr.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(815) 923-2131	11-02-2009
TYPED OR PRINTED			AREA CODE NUMBER	MO - DAY - YEAR



Matrix Environmental, Inc.
1880 W. Winchester Rd., Suite 111
Libertyville, Illinois 60048
Phone: 847-367-6835
Fax: 847-367-6845

5 October 2009

Mr. John Nordine
U.S. Environmental Protection Agency, Region 5
RCRA Enforcement and Compliance Assurance Branch (LU-9J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Re: Central Wire, Union, Illinois Site Progress Report for September 2009

Dear Mr. Nordine:

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If you have any comments or questions regarding the progress of this project, please do not hesitate to call me at (847) 367-6835.

Sincerely,

John W. Thorsen, P.E.
Matrix Environmental, Inc.

JWT:sk

Attachment

cc: Joyce Munie, IEPA
Gerald W. Ruopp, Central Wire
Henry Lopes, Central Wire
Robert Johnson – Central Wire

MONTHLY PROGRESS REPORT
Central Wire Union, Illinois Site
August 2009

1. **Progress Made This Reporting Period** – This reporting period Central Wire continued the operation and maintenance of the groundwater extraction system.

Central Wire responded to U.S.EPA comments on the Draft Work Plan for the 2009 CMI Field Investigation. Conditional approval was received from U.S.EPA on October 1, 2009. Central Wire verbally agreed to the two minor conditions via a phone call from Mr. John Thorsen of Matrix Environmental, Inc. on behalf of Central Wire to Mr. John Nordine of U.S.EPA on October 1, 2009

Summary of Validated Data and Results – No samples were taken in September 2009. The June sampling event was summarized and data summaries transmitted in the August Report.

Central Wire plans to implement the 2009 CMI Field Investigation Work Plan in October 2009.

2. **Upcoming Events/Activities Planned** – The existing remediation systems will continue to operate as planned.

Central Wire plans to implement the 2009 CMI Field Investigation Work Plan in October 2009.

3. **Anticipated Problem Areas and Recommended Solutions** – There are no current or anticipated problem areas to be resolved.
4. **Key Personnel Changes** – None.
5. **Target and Actual Completion Dates** – This project has not deviated from the project schedule.

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 TECHALLOY COMPANY, INC.
 ADDRESS
 PO BOX 423
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 FACILITY
 TECHALLOY COMPANY, INC.
 LOCATION
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IL 60180

IL 60180

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

IL0070408
 PERMIT NUMBER

001 0
 DISCHARGE NUMBER


Minor
 02

MONITORING PERIOD
 MO - DAY - YEAR
 FROM 09-01-2009 TO 09-30-2009

TREATED GROUNDWAER
 EFFLUENT

*** No Discharge ☐ ***

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.5	*****	7.5	(12) SU	00	01/30	GR
00400 1	PERMIT REQUIREMENT	*****	*****		6.0 MO MIN	*****	9.0 MO MAX			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE											
NO DATA : CODE	DESCRIPTION										
COMMENTS:											
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT	*****	*****	(26) LBS/DY	*****	*****	.0001	(19) MG/L	00	01/30	GR
34506 1	PERMIT REQUIREMENT	*****	*****		*****	*****	0.02 DAILY MX			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE											
NO DATA : CODE	DESCRIPTION										
COMMENTS:											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	.884	.884	(03) MGD	*****	*****	*****		00	WH/MN	CN
50050 1	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX		*****	*****	*****			MEASD WH/MN MON	
EFFLUENT GROSS VALUE											
NO DATA : CODE	DESCRIPTION										
COMMENTS:											
TETRACHLOROETHENE	SAMPLE MEASUREMENT	*****	*****	(26) LBS/DY	*****	*****	.0001	(19) MG/L	00	01/30	GR
78389 1	PERMIT REQUIREMENT	*****	*****		*****	*****	0.02 DAILY MX			ONCE/MONTH	GRAB
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PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TRICHLOROETHENE	SAMPLE MEASUREMENT	*****	*****	(26) LBS/DY	*****	*****	.00075	(19) MG/L	00	01/30	GR
78391 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT										
NO DATA: CODE		DESCRIPTION									
COMMENTS:											

CONSIDERATIONS FOR FORM COMPLETION

DMR COMMENTS
Results for September are under reporting limits.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	ROBERT L JOHNSON	TELEPHONE	DATE
Robert Johnson, Maintenance Mgr.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(815) 923-2131	10-01-2009
TYPED OR PRINTED			AREA CODE NUMBER	MO - DAY - YEAR